

Patent claims

1. Process for producing mouldings from plastics, by coating a moulding on one or more sides with a lacquer system, the lacquer system being composed of:

- a) a binder or a binder mixture
- b) optionally a solvent or solvent mixture
- 10 c) optionally other additives usual in lacquer systems and
- 15 d) a thickener, and use can be made here of polymeric thickeners at from 0 to 20% content and oligomeric thickeners at from 0 to 40% content, in each case based on dry film (components a, c, d, e)
- 20 e) from 5 to 500 parts by weight, based on a), of an electrically conductive metal oxide, a powder, a dispersion and/or a sol with a median primary particle size of from 1 to 80 nm and a percentage degree of aggregation of from 0.01 to 99%
- 25 f) from 5 to 500 parts by weight, based on a), of inert nanoparticles.

coated in a manner known per se and the lacquer cured.

30 2. Process according to Claim 1,

characterized in that

the lacquer (a) - c)) has a viscosity of from 5 to 35 500 mPa.s (measured in a Brookfield LVT viscometer).

3. Process according to Claim 1,

characterized in that

the lacquer system (component a) - e) according to Claim 1) has a viscosity of from 150 to 5000 mPa.s.

5 4. Process according to Claim 1,

characterized in that

inert nanoparticles used comprise SiO₂ nanoparticles.

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5. Process according to Claim 1

characterized in that

15 the electrically conductive particles used comprise a mixture composed of ITO and/or antimony tin oxide ATO and/or of doped ITO.

20 6. Plastics moulding, obtainable by a process of Claims 1 to 5,

characterized in that

25 the plastics moulding is composed of PMMA, PC, PET, PET-G, PE, PVC, ABS or PP.

30 7. Use of the plastics moulding according to Claim 6 as glazing, for encasing structures, for equipping cleanrooms, for machine covers, for incubators, for displays, for visual display screens and visual-display-screen covers, for back-projection screens, for medical apparatus, and for electrical devices.